

Cytochrome P450-Dependent Enzymes From *Euphorbia lagascae* (SEQ ID NO:2) and *Capsicum annuum* (gi 6739506)

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gi6739506  ME---IQFTN-LVAFLLFLSSIIILLKKWKTQKLNLPDGPWKLPFIGSLHHLAVAGPLPHHGLKNLAKLYGPLMHLRLGEIPTVIISSPR
SEQ ID NO:2 MEQKNLSFSPSILISFLVLII-LVVVMRLWKQ--NPPPGPWKFPIIGNLPHLLTSDLGHERFRALAQIYGPVMSLQIGQVSAVVSSAE

gi6739506  MAKEVLKTHDLAFATRPKLVVADIVHYDSTDIAFSPYGEYWRQIRKICILELLSAKMVKFFSSIRQDELSMMVSSIRTMPNFPVNLTDKI
SEQ ID NO:2 AAKEVMKTQADAFAPQRPVLDQIVFYNRKDVLFASYGDHWRQMKKIWILEFLSAKKVQSSRLIREEEMEDAITFLRSKAGSPVNITKII

gi6739506  FWTSSVTCRSALGKICRDQDKLIIIFMREIISLTGGFSIADFFPTWKMLHDVGGSKTRLLKAHRKIDEILEHVVNEHKQNRADGQKGNGE
SEQ ID NO:2 YGIIISIMIRTSVGN-CKQKERLLSVADAVNEAATSFGTADAFPTWKLLHYIIIGAESKPRRLHQEIDDIILEILNEHKANKP-----

gi6739506  FGGEDLIDVLLRVRESGEVQISITDDNIKSILVDMFSAGSETSTIIWALAEMMKPSPVLAKAQAEVRQVLKEKKGFQOIDLDELKYLK
SEQ ID NO:2 FEADNLMVDVLLNLQKNGNVPVPVTNESIKASVLQMTAGSETTSKATEWVMAELMKNPTELRKAQEEVRQVFGEMGKVDSESRFHDLKFFK

gi6739506  LVIKETLRMHPPPIPLLVPRECKDKTKIDGYNIPFKTRVIVNAWAIGRDPESWDDPESFSPEFENSVDFLGSHHQFIPFGAGRRICPGM
SEQ ID NO:2 LVVKETLRLLHPPV-VLIPRECRETTRIDGYEIHNPTRIVVNAWAIGRDPNTWSEPGKFNPERFKDCAIDYKGTTFELVPFGAGKRICPGI

gi6739506  LFGLANVGQPLAQLLYHFDRKLPNGQSHENLDMTESPGISATRKDDLVLIAATPYD-----P
SEQ ID NO:2 TSAITNLEYVVIINLLYHFNWELADGITPQTLDMTEAIGGALRKKIDLKLIPYQVSLGSNIS

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FIG. 1

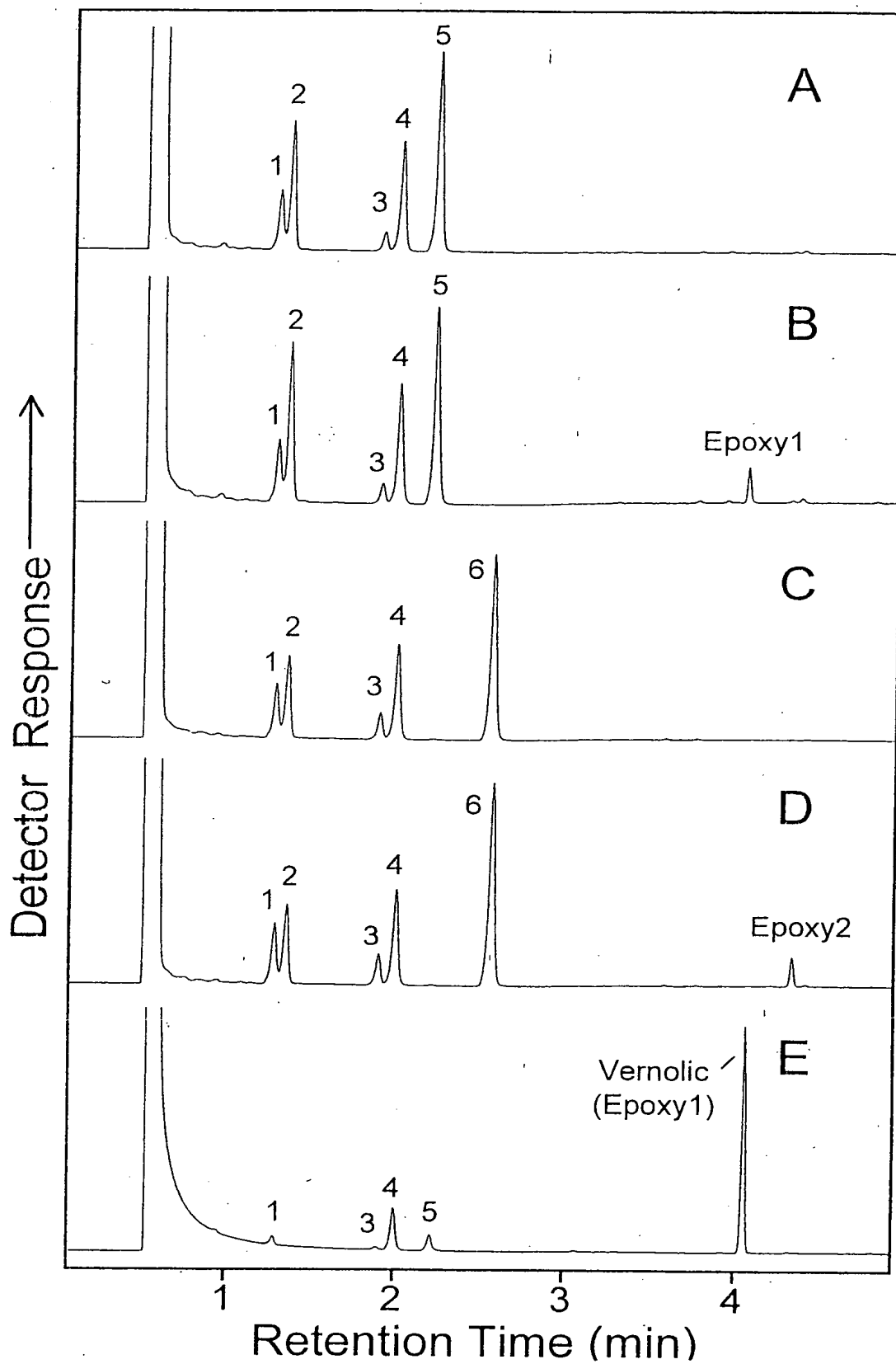


FIG. 2

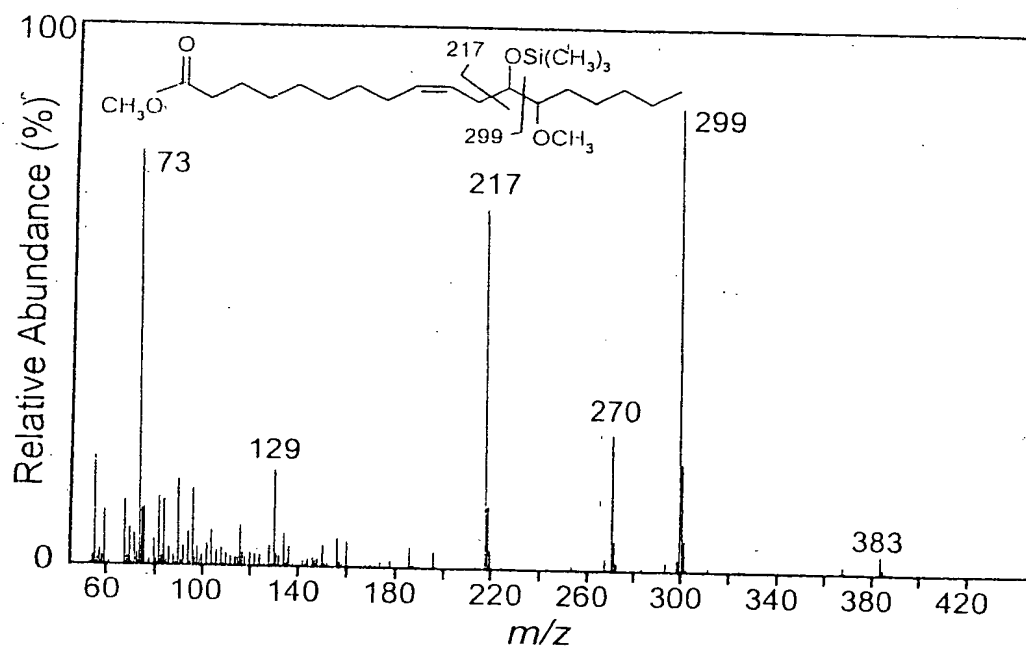


FIG. 3A

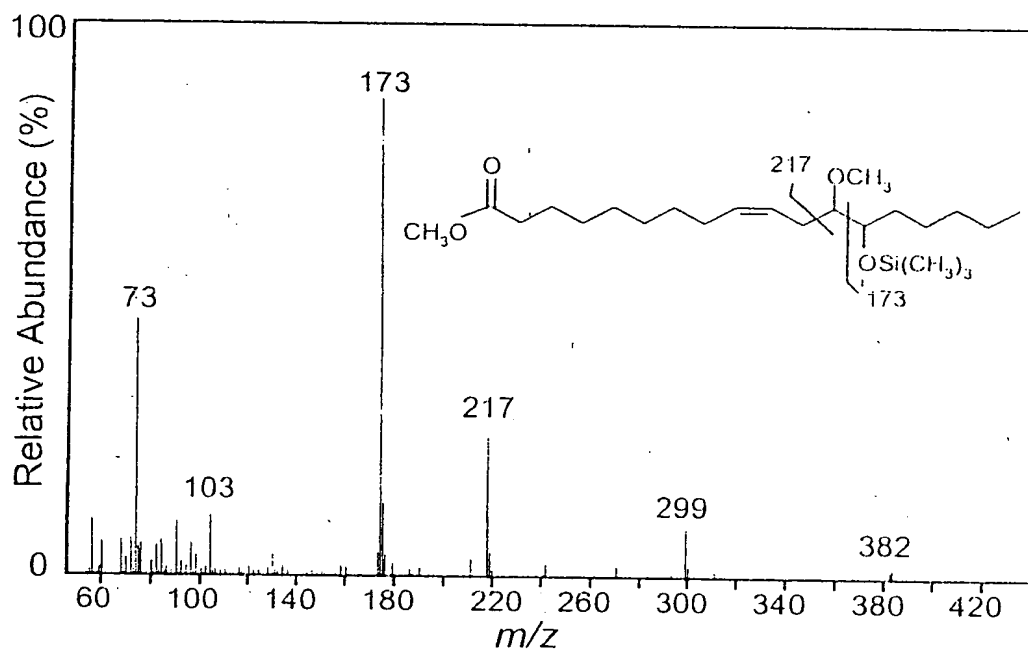


FIG. 3B

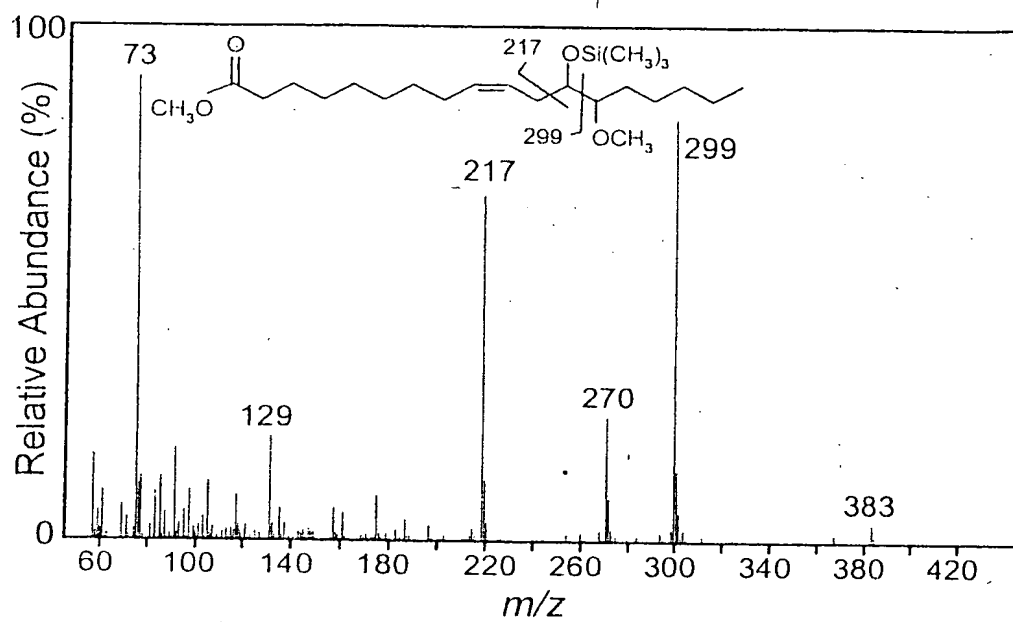


FIG. 3C

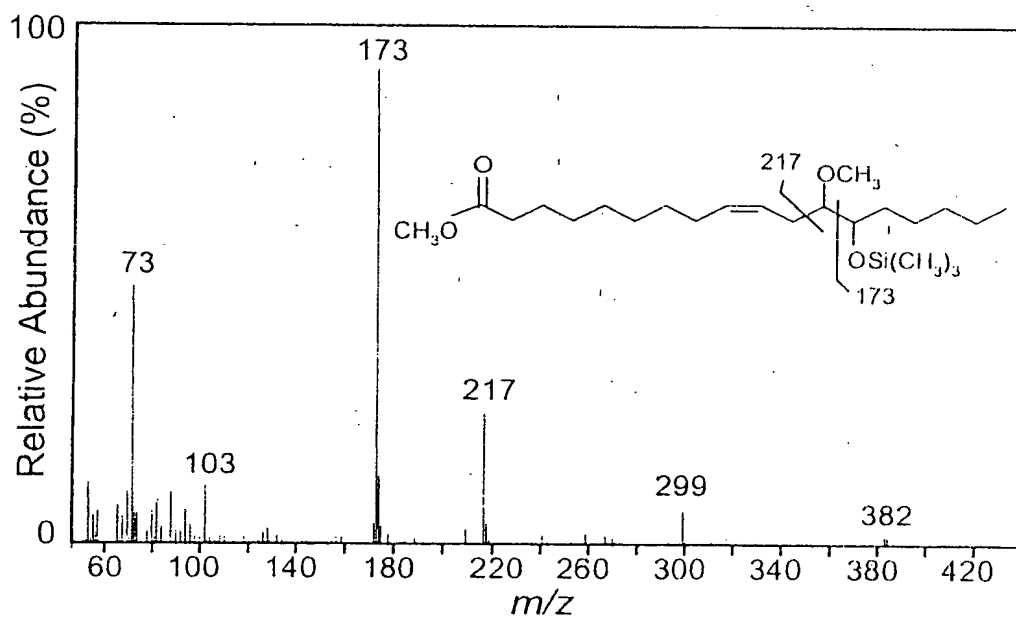


FIG. 3D

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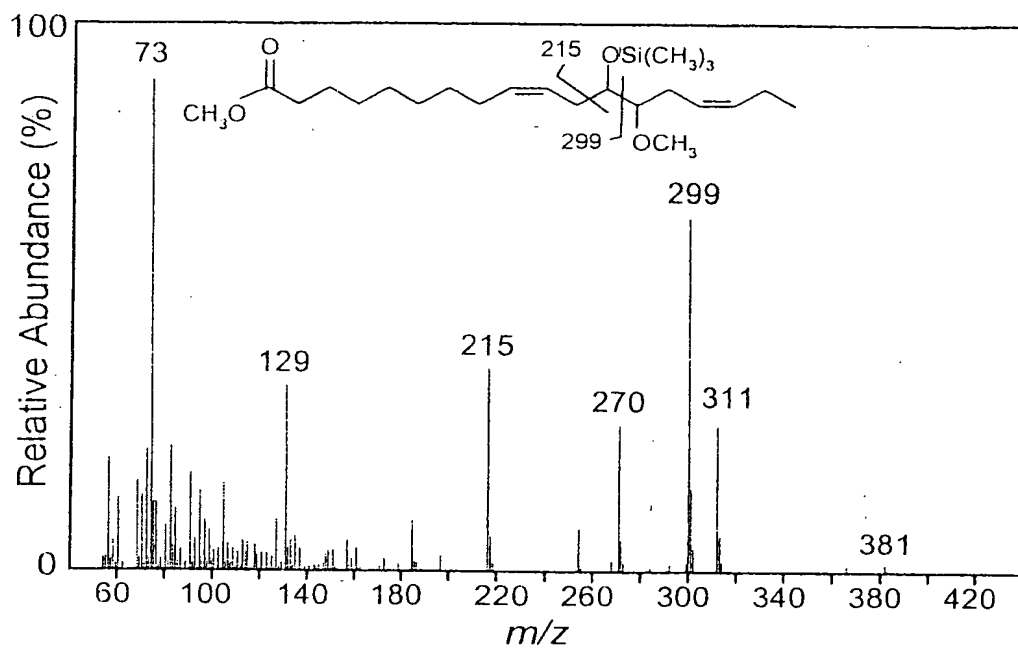


FIG. 3E

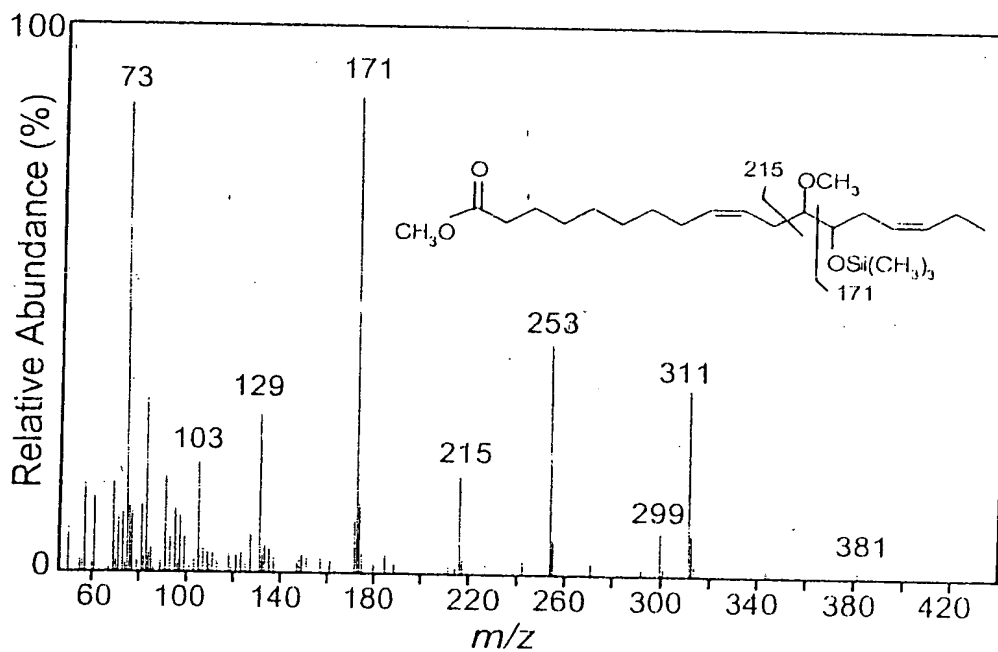


FIG. 3F

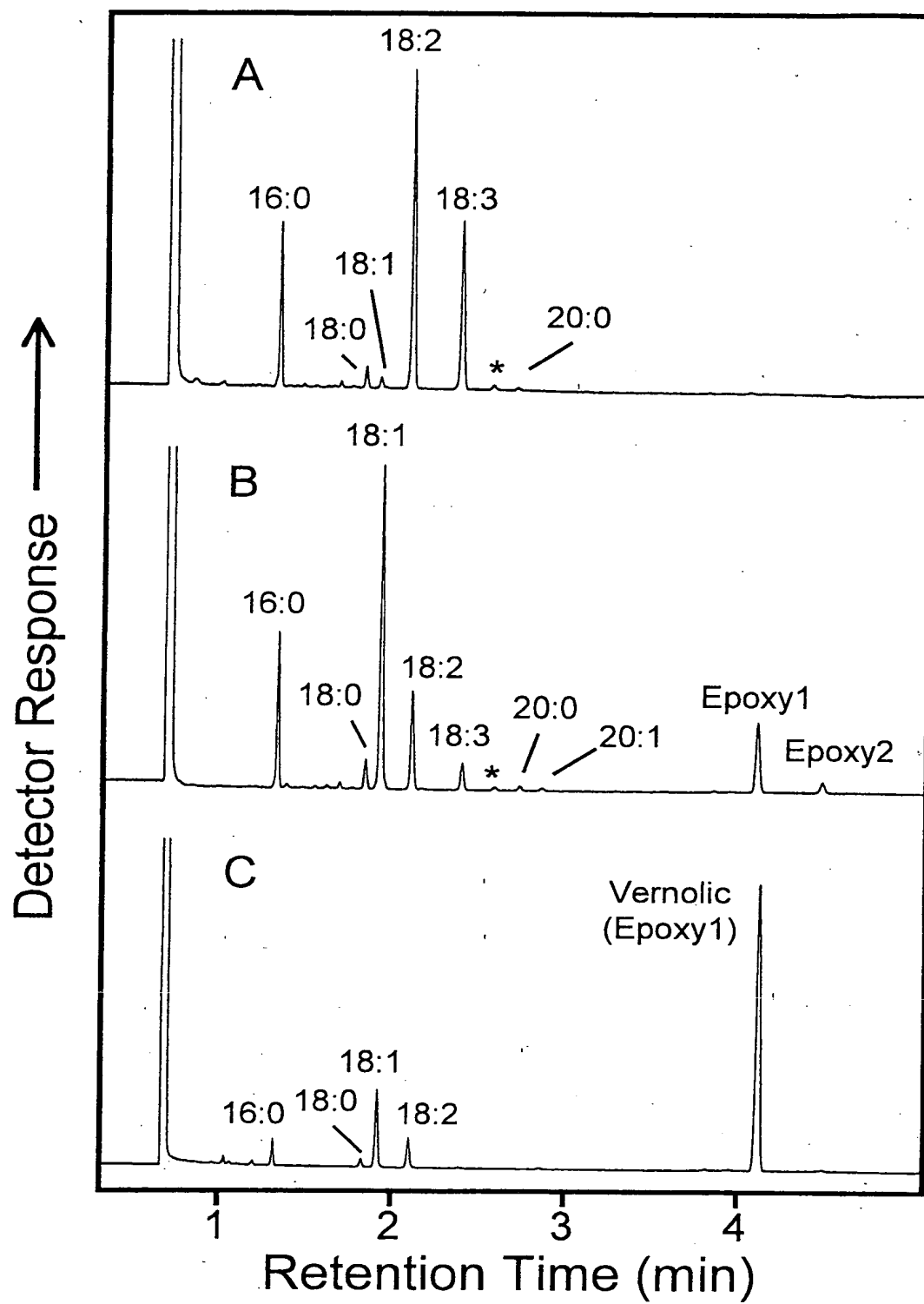


FIG. 4

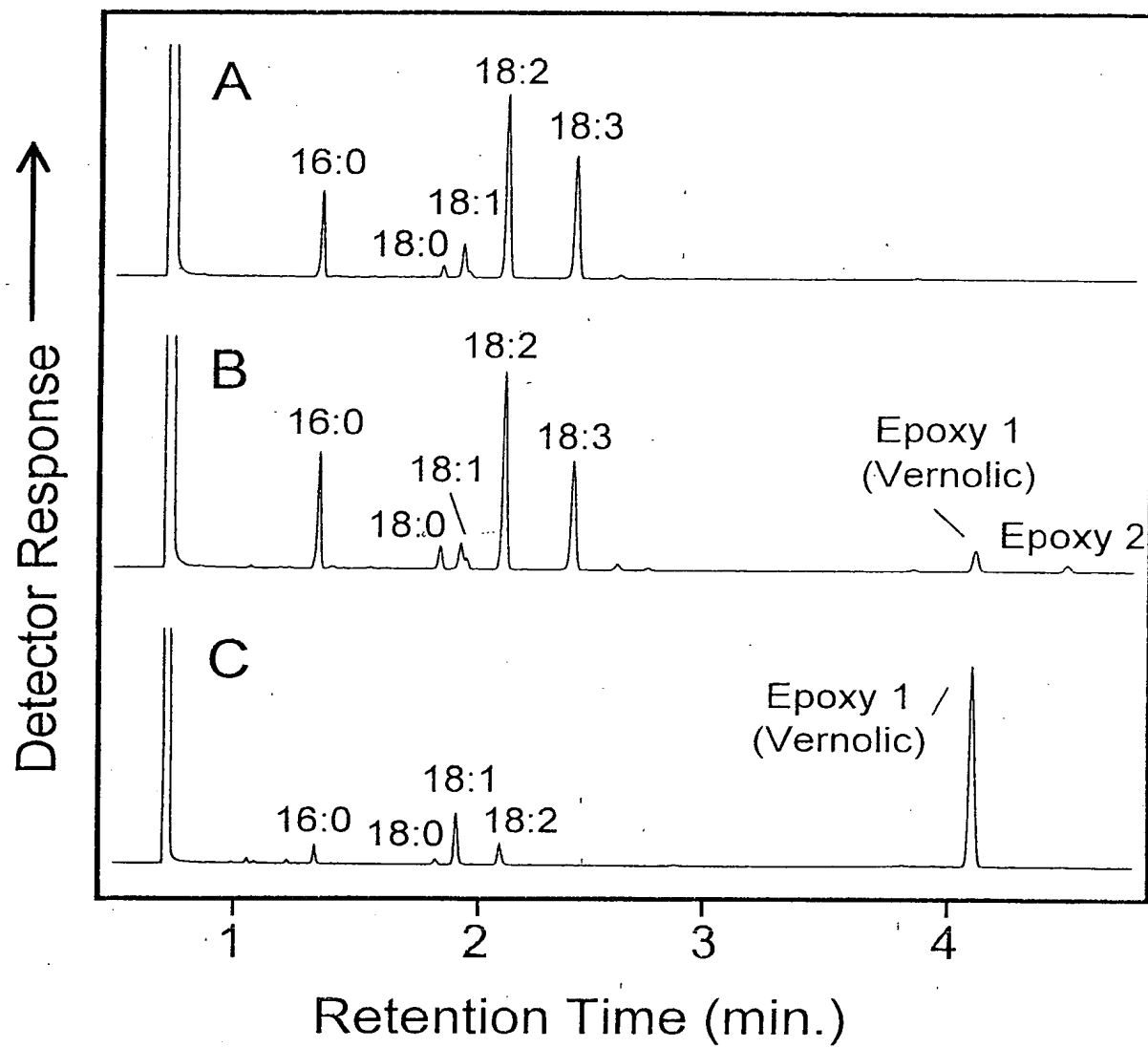


FIG. 5